Attorney Docket No. 17919 (20958-01027) PATENT APPLICATION First Inventor **David Francis Fleming ELECTRICAL CONTACT AND CONNECTOR** Ø Title TRANSMITTAL Express Mail Label No. EV339991432US Poew nonprovisional applications under 37 CFR 1-53(b) **SAPPLICATION ELEMENTS** Mail Stop Applications Commissioner for Patents See MPEP chapter 600 concerning utility patent application contents. ADDRESS TO: PO Box 1450 Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g. PTO/SB/17) Computer Program (Appendix) (Submit an original and a duplicate for fee processing.) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. (if applicable, all necessary) See 37 CFR 1.27. Computer Readable Form (CRF) Specification [Total Pages 8 Specification Sequence Listing on: (preferred arrangement set forth below) i. CD-ROM or CD-R (2 copies); or - Descriptive title of the invention ii. paper - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D Statements verifying identify of above copies - Reference to sequence listing, a table, ACCOMPANYING APPLICATION PARTS or a computer program listing appendix - Background of the Invention Assignment Papers (cover sheet & document(s)) [2 pages] - Brief Summary of the Invention - Brief Description of the Drawings (if filed) 37 CFR 3.73(b) Statement Power of Attorney [pages] - Detailed Description (when there is an assignee) - Claim(s) - Abstract of the Disclosure English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) [Total Sheets 6] 12. Information Disclosure Statement | Copies of IDS Citations (IDS)/PTO-1449 Oath or Declaration [Total Pages 4] 13. Preliminary Amendment Newly executed (original or copy) 14. Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for continuation/divisional with Box 17 completed) Certified Copy of Priority Document(s) **DELETION OF INVENTOR(S)** Signed statement attached deleting inventor(s) (if foreign priority is claimed) named in the prior application, see 37 CFR Non Publication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below Michael J. Aronoff Name **Tyco Electronics Corporation** 307 Constitution Drive, MS R20/2B Address City State Menlo Park California Zip Code 94025-1164 Country U.S.A. (650) 361-5679 Telephone Fax Name (Print/Type) Michael G. Harms Registration No. (Attorney/Agent) 51,780 Signature Date June 23, 2003

I certify that the documents listed on this form are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to the Mail Stop Patent Applications, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Certificate of Express Mail

Micheal G. Harms

| Micheal G. Harms | G/23/03 |
| (Printed Name of Person Mailing Correspondence) | (Signature of Person Mailing Correspondence) | Date

ญ

Name (Print/Type)

Signature

Michael G. Harms

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

F	EE	TR	AN	SN	liT'	TAL
	4	for	FY	20	03	

(\$) 750.00

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known						
Application Number						
Filing Date	June 23, 2003					
First Named Inventor	David Francis Fleming					
Examiner Name						
Art Unit						
Attorney Docket No.	17919 (AT 20958-01027)					

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. ADDITIONAL FEES					
✓ Deposit Account:	Large Entity Small Entity					
Donosit	Fee	Fee		Fee	Fee Description	
Account 01-2384	Code 1051	` .	Code 2051		Surcharge - late filing fee or oath	Fee Paid
Number Deposit	1051	50	2052		Surcharge - late provisional filing fee or	
Account Name Armstrong Teasdale, LLP	1052	30	2052	25	cover sheet	
The Director is authorized to: (check all that apply)	1053	130	1053		Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	410	2252	205		
1. BASIC FILING FEE Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid		1,450	2254	725	Extension for reply within fourth month	·
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee	1255	1.970	2255	985		
1001 750 2001 375 Utility filing fee 750.00	1401	320	2401		Notice of Appeal	
1002 530 2002 165 Design filling fee	1402	320	2402		Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403		Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451				Petition to institute a public use proceeding	
	1452	110	2452		Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 750.00		1.300	2453		Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2501		Utility issue fee (or reissue)	
Fee from Ext <u>ra Claims below Fee Paid</u>	1502	470	2502		Design issue fee	
Total Claims 20 -20** = 0 X =	1503	630	2503		is Plant issue fee	
Independent Claims 2 - 3** = 0 X =	1460	130	1460		Petitions to the Commissioner	
Multiple Dependent	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(g)	
Large Entity Small Entity	1806	180	1806		Submission of Information Disclosure Stmt	
Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021	40	802 ⁻	1 40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	750	2809	9 375	Filing a submission after final rejection	
1201 84 2201 42 Independent claims in excess of 3					(37 ČFR 1.129(a))	
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (C)	Other fee (specify)					
SUBTOTAL (2) (\$) **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					
SUBMITTED BY	(Complete (if applicable)					

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card Information and authorization on PTO-2038.

Registration No.

(Attorney/Agent)

51,780

Telephone 314-621-5070

June 23, 2003

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.